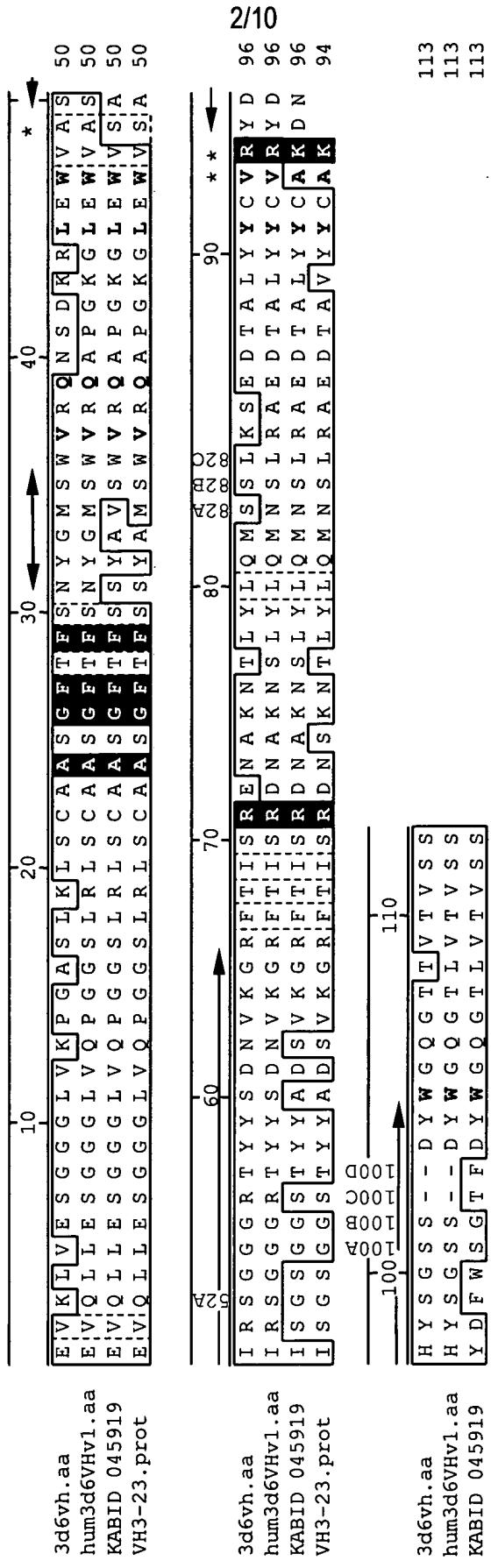




FIG. 2

Reshaping 3D6 VH



'Decoration #1': Box residues that match hum3d6VHv1.aa exactly.

3d6vh.aa - Donor murine sequence
 hum3d6vhv1.aa - humanized 3d6 VH
KABID 045919 - human acceptor framework
 VH3-23.prot - human germline VH
 CDR regions → ←

Solid fill : Canonical/CDR interacting residues
 Dashed Boxes: vernier/CDR foundation residues
Bold: packing (VH+VL) residues
 * : residues selected for backmutation in hum3D6vLvl1.aa